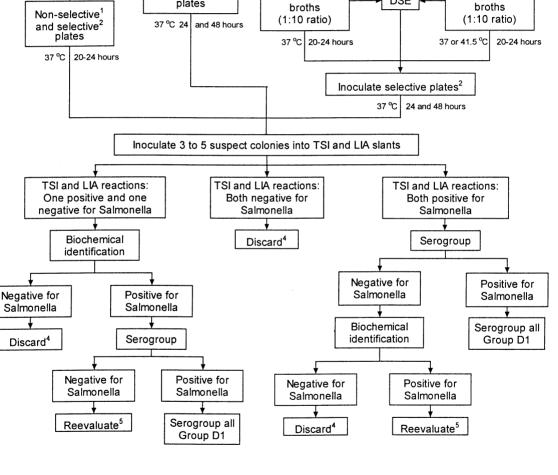
Chicken Intestines Organs Intestinal pools Organ pools Pool swabs into Direct culture: non-selective broth Inoculate non-selective1 Inoculate TT3 Inoculate TT3 37 °C 20-24 hours and selective² enrichment enrichment DSE plates broths broths Non-selective¹ (1:10 ratio) (1:10 ratio) and selective² 37 ℃ 24 and 48 hours plates 37 °C 20-24 hours 37 or 41.5 °C 20-24 hours 37 °C 20-24 hours Inoculate selective plates² 37 °C 24 and 48 hours Inoculate 3 to 5 suspect colonies into TSI and LIA slants TSI and LIA reactions: TSI and LIA reactions: TSI and LIA reactions:

Illustration 1.—Procedure for culturing Pullorum-Typhoid reactors and birds from SE-positive



- 1. Non-selective plates such as blood or nutrient agar.
- MacConkey, BGN, and xylose-lysine tergitol 4 (XLT 4) for SE.
- 3. Tetrathionate enrichment broth.

environments.

4. Reevaluate if epidemiologic, necropsy, or other information indicates the presence of an unusual strain of Salmonella. 5. If biochemical identification and serogroup procedures are inconclusive, restreak original colony onto non-selective plating media to check for purity. Repeat biochemical and serology tests.

2. Selective plates such as MacConkey, Brilliant Green Novobiocin (BGN) for pullorum-typhoid reactors and